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(54) Title: FREE-RADICAL-INITIATED CROSSLINKING OF POLYMERS

(57) Abstract: The present invention is a free-radical carbon-FRTS-carbon crosslinkable polymeric composition. The resulting carbon-FRTS-carbon crosslinked polymer is prepared from at least one polymer which upon forming free radicals preferentially degrades or carbon-carbon crosslinks. The present invention permits suppression of the preferential reaction while permitting the polymer to be carbon-FRTS-carbon crosslinked through a free-radical trapping species. Suppressing the undesirable degradation or carbon-carbon crosslinking reaction and permitting the desirable carbon-FRTS-carbon crosslinking reaction yield a uniquely crosslinked polymer.



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